

**Frank R. Bowerman Landfill  
South Basin Wetlands and West Channel Realignment Project  
Construction Management Services  
Irvine, California**

**Owner:**  
County of Orange

**Clients:**  
OC Waste & Recycling

**Client Contact:**  
Kevin Kondru  
(949) 551-7102

**Key Personnel:**  
Paul Buckley, P.E.  
Tony Gatoff, CCM

**Construction Cost:**  
\$5.1 M

**Completion Date:**  
October 2014

Simplus provided construction management and QA services for the South Basin Wetlands and West Channel Realignment Project at the FRB Landfill in Irvine, California for OC Waste & Recycling. The work included clearing and grubbing, unclassified excavation of approximately 280 thousand cubic yards, construction of a concrete retention basin, construction of a wetlands basin and the realignment of the existing west channel. Work elements included alluvial removal, subdrain and stand pipe construction, outlet structure construction, PCC channel construction, and PCC basin floor and slope paving. The work also included construction of a concrete box culvert, splash walls, AC paving, and hydroseeding. Construction management services included managing and coordinating the efforts of a general contractor, numerous subcontractors, OCWR staff, environmental regulatory agencies, design consultants, CQA consultants and adjacent construction contractors.



QA/QC activities included observation during construction of drainage structures, including concrete perimeter drainage channels, downdrains, energy dissipaters, desilting basins, and construction of asphalt roads adjacent to the perimeter drainage channels.



**Simplus**